

IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (original) A method of telephonic communication to a wireless Subscriber over Internet Protocol and wireless networks, comprising the steps of:
 - a caller initiating a communication and signal with a PBX or other phone, such as a home telephone connecting to a CO;
 - the PBX or CO routing the signal to a first gateway (GW-1);
 - the first gateway (GW-1) requesting routing information from a Command Center (CC);
 - the CC querying through an SS7 backbone to a Home Location Register (HLR) for routing information;
 - a Visited Mobile (Services) Switching Center (VMSC) assigning a temporary routing number N for the signal and passing the temporary routing number N back to the HLR;
 - the HLR returning the temporary routing number N via SS7 backbone to the CC;
 - the CC informing a second gateway (GW-2) of an incoming connection;
 - the GW-2 informing the CC of its readiness to receive the incoming connection;
 - the CC returning instructions and a VoIP IP address to GW-1;
 - GW-1 establishing the connection to GW-2;
 - GW-2 routing the connection to the VMSC; and
 - the VMSC processing the connection to complete the communication to a wireless subscriber.

2. (previously presented) A communication system for routing a caller's communication, comprising:

a switching network having:

a first gateway for receiving the communication;

a second gateway for establishing an external connection through which the communication can be routed;

a command center for causing the first and second gateways to make an internal connection through which the communication can be routed; and

a wireless network having:

a visited mobile switch center for generating routing information, for receiving the communication from the external connection, and for routing the communication to the subscriber;

a home location register for locating the visited mobile switch center, and for passing the routing information from the visited mobile switch center to the command center

wherein the command center causes the external connection to be established based on the routing information.

3. (previously presented) The communication system of claim 2,

wherein the command center communicates with the home location register through an SS7 gateway.

4. (previously presented) The communication system of claim 2,

wherein the command center is able to determine whether the caller's communication should be routed through the wireless network.

5. (previously presented) The communication system of claim 2,

wherein the command center is able to determine characteristics of the wireless network.

6. (previously presented) The communication system of claim 2, wherein:
upon receiving the communication from a caller, the first gateway is able to
request the routing information from the command center;
upon receiving the request from the first gateway, the command center is able to
send a query to the home location register; and
upon receiving the query from the command center, the home location register is able to
send a query to the visited mobile switch center for the routing information.

7. (previously presented) The communication system of claim 6, wherein:
upon receiving the routing information from the home location register, the
command center is able to send the second gateway an instruction to
inform the internal connection;
upon receiving the routing information from the command center, the second
gateway is able to send its readiness status to the command center;
upon receiving the readiness status from the second gateway, the command center
returns instructions to the first gateway;
based on the instructions from the command center, the first gateway is able to
make the internal connection to the second gateway; and
upon completing the internal connection, the second gateway is able to establish the
external connection.

8. (previously presented) The Communication system of claim 2, wherein the switching network
is a VoIP Virtual Private Network.

9-25. (cancelled)